

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/689,149
Filing Date	October 20, 2003
First Named Inventor	Miri Seiberg
Group Art Unit	
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		3,097,947	A	Kemmerer	07-16-1963	
/CH/		3,625,976	A	Theimer	12-07-1971	
/CH/		3,755,560	A	Dickert	08-28-1973	
/CH/		4,007,266	A	Choay	02-08-1977	
/CH/		4,056,637	A	Hagiwara et al	11-01-1977	
/CH/		4,151,304	A	Evans	04-24-1979	
/CH/		4,190,671	A	Vanstone	02-26-1980	
/CH/		4,219,569	A	Glenn	08-26-1980	
/CH/		4,223,018	A	Belle	09-16-1980	
/CH/		4,254,105	A	Fukuda	03-03-1981	
/CH/		4,272,544	A	Cella	06-09-1981	
/CH/		4,278,570	A	Flom	07-14-1981	
/CH/		4,279,930	A	Hall	09-14-1979	
/CH/		4,297,348	A	Frazier	10-27-1981	
/CH/		4,331,692	A	Drevici	05-25-1982	
/CH/		4,333,927	A	Ofuchi	06-08-1982	
/CH/		4,368,187	A	Flom	01-11-1983	
/CH/		4,370,315	A	Greff	01-25-1983	
/CH/		4,382,960	A	Flom	05-10-1983	
/CH/		4,386,067	A	Gullion	05-31-1983	
/CH/		4,421,769	A	Dixon	12-20-1983	
/CH/		4,427,670	A	Ofuchi	01-24-1984	
/CH/		4,434,095	A	Chipens et al.	02-28-1984	
/CH/		4,437,895	A	Koulbanis	03-20-1984	
/CH/		4,439,418	A	Moller	03-27-1984	
/CH/		4,462,981	A	Smith	07-21-1984	
/CH/		4,477,434	A	Kosaka	10-16-1984	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		4,970,216	A	Deckner	11-13-1990	
/CH/		4,971,825	A	Kitazume et al.	11-20-1990	
/CH/		4,978,528	A	Degre	12-18-1990	
/CH/		5,002,761	A	Mueller	03-26-1991	
/CH/		5,032,382	A	Crolle	07-16-1991	
/CH/		5,032,400	A	Wiersum	07-16-1991	
/CH/		5,043,323	A	Bombardelli	08-27-1991	
/CH/		5,057,417	A	Hammonds et al.	10-15-1991	
/CH/		5,077,038	A	Hofmann	12-31-1991	
/CH/		5,077,040	A	Bergmann	12-31-1991	
/CH/		5,104,655	A	Bombardelli	04-14-1992	
/CH/		5,110,603	A	Rau	05-05-1992	
/CH/		5,116,605	A	All	05-26-1992	
/CH/		5,118,671	A	Bombardelli	06-02-1992	
/CH/		5,130,142	A	Wong et al.	07-14-1992	
/CH/		5,147,859	A	Bombardelli	09-15-1992	
/CH/		5,166,139	A	Bombardelli	11-24-1992	
/CH/		5,171,577	A	Griat	12-15-1992	
/CH/		5,179,091	A	Lesieur	01-12-1993	
/CH/		5,188,823	A	Shapiro	02-23-1993	
/CH/		5,192,332	A	Lang	03-09-1993	
/CH/		5,194,252	A	Hofmann	03-16-1993	
/CH/		5,217,717	A	Kennedy	06-08-1993	
/CH/		5,229,104	A	Sottery	07-20-1993	
/CH/		5,231,090	A	Hsia	07-27-1993	
/CH/		5,248,495	A	Patterson	09-28-1993	
/CH/		5,254,331	A	Mausner	10-19-1993	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		4,486,448	A	Ser	12-04-1984	
/CH/		4,488,564	A	Grollier	12-18-1984	
/CH/		4,515,778	A	Kastell	05-07-1985	
/CH/		4,524,067	A	Arichi	06-18-1985	
/CH/		4,537,782	A	Millet	08-27-1985	
/CH/		4,550,035	A	Smith	10-29-1985	
/CH/		4,578,267	A	Salamone	03-25-1986	
/CH/		4,584,190	A	Tejima	04-22-1986	
/CH/		4,604,281	A	Deckner	08-05-1986	
/CH/		4,612,192	A	Scheuffgen	09-16-1986	
/CH/		4,690,821	A	Smith	09-01-1987	
/CH/		4,707,293	A	Ferro	12-17-1987	
/CH/		4,760,096	A	Sakai	07-26-1988	
/CH/		4,793,991	A	Slimak	12-27-1988	
/CH/		4,824,662	A	Hofmann	04-25-1989	
/CH/		4,834,076	A	Millet	05-30-1989	
/CH/		4,847,267	A	Deckner	07-11-1989	
/CH/		4,851,214	A	Walters	07-25-1989	
/CH/		4,859,458	A	Salamone	08-22-1989	
/CH/		4,867,964	A	Forestier	09-19-1989	
/CH/		4,871,530	A	Grollier	10-03-1989	
/CH/		4,885,169	A	Gazzani	12-05-1989	
/CH/		4,895,839	A	Bombardelli	01-23-1990	
/CH/		4,906,457	A	Ryan	03-06-1990	
/CH/		4,943,462	A	Komerska	07-24-1990	
/CH/		4,960,588	A	Hoshowski	10-02-1990	
/CH/		4,960,764	A	Figuerola	10-02-1990	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,260,065	A	Mathur	11-09-1993	
/CH/		5,270,042	A	Whitham	12-14-1993	
/CH/		5,276,058	A	Satoh	01-04-1994	
/CH/		5,306,444	A	Kitamura	04-26-1994	
/CH/		5,310,734	A	Losch	05-10-1994	
/CH/		5,322,839	A	Voegell	06-21-1994	
/CH/		5,352,443	A	Kubo	10-04-1994	
/CH/		5,362,494	A	Zysman	11-08-1994	
/CH/		5,364,886	A	Loliger	11-15-1994	
/CH/		5,393,519	A	Dowell	02-28-1995	
/CH/		5,397,497	A	Jakobson	03-14-1995	
/CH/		5,407,675	A	Etemad-Moghadam	04-18-1995	
/CH/		5,411,742	A	Sebag	05-02-1995	
/CH/		5,427,814	A	Loliger	06-27-1995	
/CH/		5,428,026	A	Colarow	06-27-1995	
/CH/		5,438,044	A	Losch	08-01-1995	
/CH/		5,439,672	A	Zabotto	08-08-1995	
/CH/		5,443,839	A	Meybeck	08-22-1995	
/CH/		5,443,840	A	Morancals	08-22-1995	
/CH/		5,446,605	A	Umehara	08-29-1995	
/CH/		5,466,452	A	Whittle	11-14-1995	
/CH/		5,498,420	A	Mentrup Edgar	03-12-1996	
/CH/		5,503,832	A	De Stoutz	04-02-1996	
/CH/		5,505,946	A	Kennedy et al.	04-09-1996	
/CH/		5,510,391	A	Elson	04-23-1996	
/CH/		5,523,308	A	Costanzo	06-04-1996	
/CH/		5,539,129	A	Zysman	07-23-1996	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,545,399	A	Lee	08-13-1996	
/CH/		5,547,661	A	Sun	08-20-1996	
/CH/		5,554,647	A	Perricone	09-10-1996	
/CH/		5,565,439	A	Piazza et al.	10-15-1996	
/CH/		5,565,493	A	Nakata et al.	10-15-1996	
/CH/		5,567,420	A	McEleney	10-22-1996	
/CH/		5,569,663	A	Ribler	10-29-1996	
/CH/		5,571,503	A	Mausner	11-05-1996	
/CH/		5,578,297	A	Mellul	11-26-1996	
/CH/		5,589,181	A	Bencsits	12-31-1996	
/CH/		5,595,984	A	Blank	01-21-1997	
/CH/		5,597,814	A	Blank	01-28-1997	
/CH/		5,601,833	A	Roboer	02-11-1997	
/CH/		5,603,949	A	Meybeck	02-18-1997	
/CH/		5,605,894	A	Blank	02-25-1997	
/CH/		5,607,666	A	Masson	03-04-1997	
/CH/		5,607,692	A	Ribler	03-04-1997	
/CH/		5,614,180	A	Chung	03-25-1997	
/CH/		5,614,215	A	Ribler	03-25-1997	
/CH/		5,616,572	A	Blank	04-01-1997	
/CH/		5,618,522	A	Kaletka	04-08-1997	
/CH/		5,620,692	A	Potter	04-15-1997	
/CH/		5,622,690	A	Potter	04-22-1997	
/CH/		5,626,868	A	Morancais	05-06-1997	
/CH/		5,629,015	A	Ribler	05-13-1997	
/CH/		5,629,301	A	Blank	05-13-1997	
/CH/		5,631,318	A	Ito	05-20-1997	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 6 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,635,165	A	Panlitch	06-03-1997	
/CH/		5,637,316	A	Ribier	06-10-1997	
/CH/		5,639,785	A	Kung	06-17-1997	
/CH/		5,641,509	A	Gross	06-24-1997	
/CH/		5,643,583	A	Voultoury	07-01-1997	
/CH/		5,643,587	A	Scancarella	07-01-1997	
/CH/		5,643,601	A	Gross	07-01-1997	
/CH/		5,650,166	A	Ribler	07-22-1997	
/CH/		5,652,230	A	Blank	07-29-1997	
/CH/		5,653,988	A	Gerber	08-05-1997	
/CH/		5,660,853	A	Hansenne-Richoux	08-26-1997	
/CH/		5,665,367	A	Burger	09-09-1997	
/CH/		5,674,511	A	Kacher	10-07-1997	
/CH/		5,676,935	A	Mellul	10-14-1997	
/CH/		5,676,956	A	Duffy	10-14-1997	
/CH/		5,679,374	A	Fanchon	10-21-1997	
/CH/		5,681,571	A	Homgren et al.	10-28-1997	
/CH/		5,681,852	A	Bissett	10-28-1997	
/CH/		5,683,683	A	Scafdi	11-04-1997	
/CH/		5,686,102	A	Gross	11-11-1997	
/CH/		5,688,763	A	Hammonds, Jr. et al.	11-18-1997	
/CH/		5,691,327	A	Blank	11-25-1997	
/CH/		5,712,356	A	Bothe et al.	01-27-1998	
/CH/		5,723,148	A	Love	03-03-1998	
/CH/		5,741,496	A	Khalat	04-21-1998	
/CH/		5,753,612	A	Mitrani	05-19-1998	
/CH/		5,755,814	A	Berg	05-26-1998	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 7 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,762,916	A	Ansmann	06-09-1998	
/CH/		5,766,628	A	Numberg	06-16-1998	
/CH/		5,776,917	A	Blank	07-07-1998	
/CH/		5,780,456	A	Blank	07-14-1998	
/CH/		5,780,457	A	Blank	06-14-1998	
/CH/		5,780,458	A	Blank	07-14-1998	
/CH/		5,780,459	A	Blank	07-14-1998	
/CH/		5,786,345	A	Blank	07-28-1998	
/CH/		5,786,346	A	Blank	07-28-1998	
/CH/		5,789,396	A	Blank	08-04-1998	
/CH/		5,795,879	A	Blank	08-18-1998	
/CH/		5,801,163	A	Blank	09-01-1998	
/CH/		5,804,216	A	Terren	09-08-1998	
/CH/		5,807,545	A	Coffindaffer	09-15-1998	
/CH/		5,824,702	A	Wei	10-20-1998	
/CH/		5,833,965	A	Sun	11-10-1998	
/CH/		5,834,013	A	Ribier	11-10-1998	
/CH/		5,840,717	A	Blank	11-24-1998	
/CH/		5,843,926	A	Blank	12-01-1998	
/CH/		5,863,546	A	Swinehart	01-26-1999	
/CH/		5,869,470	A	Blank	02-09-1999	
/CH/		5,871,743	A	Chajuss	02-16-1999	
/CH/		5,871,823	A	Anders et al.	02-16-1999	
/CH/		5,880,314	A	Shinomiya	03-09-1999	
/CH/		5,885,593	A	Epstein	03-23-1999	
/CH/		5,885,596	A	Parab	03-23-1999	
/CH/		5,885,600	A	Blum	03-23-1999	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,885,617	A	Jordan	03-23-1999	
/CH/		5,885,948	A	Glenn	03-23-1999	
/CH/		5,908,618	A	Lorant	06-01-1999	
/CH/		5,912,175	A	Wille, Jr.	06-15-1999	
/CH/		5,916,577	A	Golz	06-29-1999	
/CH/		5,928,654	A	Duranton	07-27-1999	
/CH/		5,928,658	A	Kishida	07-27-1999	
/CH/		5,928,889	A	Bakich	07-27-1999	
/CH/		5,936,052	A	Bothe et al.	08-10-1999	
/CH/		5,942,479	A	Frankenback	08-24-1999	
/CH/		5,945,095	A	Mougin	08-31-1999	
/CH/		5,945,109	A	Schmidt	08-31-1999	
/CH/		5,952,373	A	Lanzendorfer	09-14-1999	
/CH/		5,958,387	A	Bara	09-28-1999	
/CH/		5,961,980	A	Kennedy	10-05-1999	
/CH/		5,962,015	A	Delrieu	10-05-1999	
/CH/		5,962,441	A	Blank	10-05-1999	
/CH/		5,965,153	A	Allen	10-12-1999	
/CH/		5,972,355	A	Knight et al.	10-26-1999	
/CH/		5,981,450	A	Fabry	11-09-1999	
/CH/		5,985,338	A	Suh	11-16-1999	
/CH/		5,985,809	A	Frankenback	11-16-1999	
/CH/		5,990,291	A	Waggle	11-23-1999	
/CH/		6,004,915	A	Elliott	12-21-1999	
/CH/		6,013,250	A	Cannell	01-11-2000	
/CH/		6,013,255	A	Edens	01-11-2000	
/CH/		6,017,549	A	Knight et al.	01-25-2000	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		6,017,893	A	Segelman	01-25-2000	
/CH/		6,018,001	A	Hiratani et al.	01-25-2000	
/CH/		6,019,962	A	Rabe	02-01-2000	
/CH/		6,030,931	A	Vinski	02-29-2000	
/CH/		6,033,680	A	Dixon	03-07-2000	
/CH/		6,045,779	A	Mueller	04-04-2000	
/CH/		6,048,520	A	Hoshowski	04-11-2000	
/CH/		6,051,602	A	Bissett	04-18-2000	
/CH/		6,054,137	A	Breton	04-25-2000	
/CH/		6,060,070	A	Gorbach	05-09-2000	
/CH/		6,063,398	A	Gueret	05-16-2000	
/CH/		6,080,393	A	Liu et al.	06-27-2000	
/CH/		6,093,411	A	Bissett	07-25-2000	
/CH/		6,096,327	A	Lezdey et al.	08-01-2000	
/CH/		6,126,933	A	Warne et al.	10-03-2000	
/CH/		6,180,662	B1	Lanzendorfer	01-30-2001	
/CH/		6,183,761	B1	Bissett	02-06-2001	
/CH/		6,183,762	B1	Deckers et al.	02-06-2001	
/CH/		6,261,603	B1	McElwain	07-17-2001	
/CH/		6,323,219	B1	Costanzo	11-27-2001	
/CH/		6,433,025	B1	Lorenz	08-13-2002	
/CH/		6,558,656	B2	Mann	05-06-2003	
/CH/		2004/0009142	A1	Zambaux et al.	01-15-2004	

Examiner
Signature

/Carlic Huynh/

Date
Considered

08/01/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 10 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	Kind Code ⁵				
/CH/		AU	724988	B2	Genentech, Inc.	05-29-1998	=WO 98/19700	
/CH/		CN	1094279	A	Wang	11-02-1994	English Abstract	No
/CH/		EP	0 273 202	A2	Van Scott et al.	07-06-1988		
/CH/		EP	0 393 532	A2	Schering Corporation	10-24-1990		
/CH/		EP	0 421 021	A1	Mucos Emulsionsgesellschaft	04-10-1991		Yes
/CH/		EP	0 473 502	A1	Shiseido Co. Ltd.	03-04-1992		
/CH/		EP	0 508 886	A1	Digital Equipment Corporation	10-14-1992	=JP 5114905	
/CH/		EP	0 574 352	A1	Ciba-Geigy AG	12-15-1993		
/CH/		EP	0 643 083	A1	Essilor International	03-15-1995	English Abstract & d Claims from B1 Doc	No
/CH/		EP	0 643 960	A1	Laboratoire de Biologie Vegetale Yves Rocher	03-22-1995	=US 5,741,496	No
/CH/		EP	0 655 470	A1	Ciba-Geigy AG	05-31-1995	=US 5,712,356 & 5,936,052	No
/CH/		EP	0 661 037	A1	L'Oreal	07-05-1995	=US 5,629,015	No
/CH/		EP	0 707 851	A2	Fockerman et al.	04-24-1996		
/CH/		EP	0 713 106	A1	Menicon Co., Ltd.	05-22-1996		
/CH/		EP	0 758 687	A1	Ciba-Geigy AG	02-19-1997		
/CH/		EP	0 774 249	A2	Unilever PLC	05-21-1997		
/CH/		EP	0 811 595	A1	Mitsui Toatsu Chemicals, Inc.	12-10-1997		
/CH/		EP	0 814 116	A1	Huls AG	12-29-1997	=US 5,871,823	No
/CH/		EP	0 963 761	A1	J&J Vision Products	12-15-1999	VTN0410	
/CH/		EP	1 074 240	A2	J&J Consumer Products Inc.	02-07-2001	JBP510	
/CH/		EP	1 077 063	A2	J&J Consumer Products Inc.	02-21-2001	JBP0402	
/CH/		EP	1 192 938	A2	J&J Consumer Products Inc.	04-03-2002	JBP0523	
/CH/		EP	1 236 402	A2	J&J Consumer Products Inc.	09-04-2002	J&J2001	
/CH/		EP	1 236 465	A2	J&J Consumer Products Inc.	09-04-2002	J&J2002	
/CH/		FR	2 596 986	A1	Sederma SA (FR)	10-16-1987	English Abstract	No
/CH/		FR	2 641 696	A1	Sederma SA (FR)	07-20-1990	English Abstract	No
/CH/		FR	2 685 202	A1	Sederma SA (FR)	06-25-1993	English Abstract	No

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 11 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		FR	2 803 747	A1	Laboratoires Pharmascience	07-20-2001		Yes
/CH/		FR	2 811 226	A1	Clarins Laboratoires	01-11-2002		Yes
/CH/		JP	1096106	A	Shiseido Company, Ltd	04-14-1989		Yes
/CH/		JP	3127713	A	Sansho Pharmaceutical et al.	05-30-1991		Yes
/CH/		JP	4169514	A	Shiseido Company, Ltd.	06-17-1992		Yes
/CH/		JP	5015574	A	Japan Atom Energy Res Inst, et al.	01-26-1993		Yes
/CH/		JP	5114905	A	Digital Equipment Corp.	05-07-1993	=EP 0 508 886	No
/CH/		JP	5213729	A	Kao Corporation	08-24-1993		Yes
/CH/		JP	5246932	A	KK Japan Hypo	09-24-1993		Yes
/CH/		JP	5320024	A	Dowa Mining Co. Ltd.	12-03-1993		Yes
/CH/		JP	5320061	A	Soken Company, Ltd.	12-03-1993		Yes
/CH/		JP	6145061	A	Fuji Selyu KK	05-24-1994	English Abstract	No
/CH/		JP	6192085	A	Inada Y	07-12-1994	English Abstract	No
/CH/		JP	7010772	A	Fuji Selyu KK	01-13-1995	English Abstract	No
/CH/		JP	7196527	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
/CH/		JP	7196529	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
/CH/		JP	7304655	A	Kikkoman Corp.	11-21-1995		Yes
/CH/		JP	8012560	A	Shiseido Company, Ltd.	01-16-1996		Yes
/CH/		JP	8020597	A	Meiji Pharmaceutical Company, Ltd.	01-23-1996		Yes
/CH/		JP	8040824	A	Nonogawa Shoji:KK	02-13-1996	English Abstract	No
/CH/		JP	8059450	A	Kose Corporation	03-05-1996	English Abstract	No
/CH/		JP	8099891	A	Pola Chemical Industrial Company, Ltd.	04-16-1996		Yes
/CH/		JP	8143442	A	Kikkoman Corp.	06-04-1996	English Abstract	No
/CH/		JP	8333260	A	Kaminomoto Honpo:KK	12-17-1996	English Abstract	No
/CH/		JP	9025212	A	Shiseido Co. Ltd.	01-28-1997		Yes
/CH/		JP	9025214	A	Shiseido Co. Ltd.	01-28-1997		Yes
/CH/		JP	9059166	A	Kikkoman Corp.	03-04-1997	English Abstract	No

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 12 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		JP	9077638	A	Art Beauty Clinic KK	03-25-1997	English Abstract	No
/CH/		JP	9176033	A	Pigeon Corp.	07-08-1997	English Abstract	No
/CH/		JP	11346695	A	National Food Res. Inst. Ryookoku Shoji KK	12-21-1999		Yes
/CH/		JP	58225003	A	Ichimaru Fuarukosu KK	12-27-1983		Yes
/CH/		JP	58225004	A	Ichimaru Fuarukosu KK	12-27-1983	English Abstract	No
/CH/		JP	59187756	A	Erika KK	10-24-1984	English Abstract	No
/CH/		JP	62036304	A	Kashiwa Chemical Industries	02-17-1987		Yes
/CH/		JP	63068512	A	Awase Kosufua Company Ltd., et al.	03-28-1988		Yes
/CH/		JP	63096120	A	Matsuura Pharmaceutical Company	04-27-1988		Yes
/CH/		JP	63227515	A	New Japan Chemical Engineering KK	09-21-1988		Yes
/CH/		JP	63316711	A	Nonogawa Shoji Company, Ltd.	12-26-1988		Yes
/CH/		JP	2000302678	A	Crescendo Corp.	10-31-2000	English Abstract	No
/CH/		KR	92-8851	B1	Park	10-01-1992		Yes
/CH/		KR	92-8853	B	Song	10-10-1992	English Abstract	No
/CH/		RU	2066992	C1	Ostroumova Nadezhda Mikhajlovna	09-27-1996		Yes
/CH/		WO	87/07838	A1	Societe Bio Serac Sarl	12-30-1987	=US 4,978,528	No
/CH/		WO	91/04283	A1	Chang et al.	04-04-1991		
/CH/		WO	91/07166	A1	Washington State University	05-30-1991		
/CH/		WO	92/09639	A2	Bausch & Lomb Incorporated	08-11-1992		
/CH/		WO	92/09650	A1	Bausch & Lomb Incorporated	06-11-1992		
/CH/		WO	94/06485	A1	Ciba-Geigy AG	03-31-1994		
/CH/		WO	95/04609	A1	Ciba-Geigy AG	02-16-1995		
/CH/		WO	95/09002	A1	University of Pennsylvania	04-06-1995		
/CH/		WO	95/09011	A1	University of Pennsylvania	04-06-1995		
/CH/		WO	95/24885	A1	Handelman	09-21-1995		
/CH/		WO	96/09806	A2	Handelman	04-04-1996		
/CH/		WO	96/19483	A1	Biochem Pharma Inc.	06-27-1996		

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 13 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		WO	96/19491	A1	Biochem Pharma Inc.	06-27-1996		
/CH/		WO	96/24371	A1	Phairson Medical Inc.	08-15-1996		
/CH/		WO	96/24392	A1	Fidia Advanced Biopolymers	08-15-1996		
/CH/		WO	96/30035	A1	Molecumetrics Ltd.	10-03-1996		
/CH/		WO	96/30396	A1	Molecumetrics Ltd.	10-03-1996		
/CH/		WO	96/31194	A2	J&J Consumer Products Inc.	10-10-1996	JBP0319	
/CH/		WO	96/37497	A1	Biochem Pharma Inc.	11-28-1996		
/CH/		WO	96/40121	A1	Taisho Pharmaceutical Co. Ltd.	12-19-1996		Yes
/CH/		WO	96/40199	A1	University of Pennsylvania	12-19-1996		
/CH/		WO	97/11033	A2	Nord-Beton GMBH	03-27-1997	English Abstract	No
/CH/		WO	97/18904	A1	Massachusetts Institute of Technology	05-29-1997		
/CH/		WO	97/35998	A1	Trustees of Boston University	10-02-1997		
/CH/		WO	97/39733	A1	The Procter & Gamble Company	10-30-1997		
/CH/		WO	98/01107	A1	Industria E Comercio de Cosmeticos Natura	01-15-1998		
/CH/		WO	98/02134	A1	J&J Consumer Products Inc.	01-22-1998	J&J1616	
/CH/		WO	98/02138	A1	Industria E Comercio de Cosmeticos Natura	01-22-1998		
/CH/		WO	98/05333	A1	Molecumetrics Ltd.	02-12-1998		
/CH/		WO	98/08503	A1	Novogen Research Pty. Ltd.	03-05-1998		
/CH/		WO	98/09987	A1	Biochem Pharma, Inc.	03-12-1998		
/CH/		WO	98/17246	A1	ROC	04-30-1998		
/CH/		WO	98/33089	A1	Menicon Co., Ltd.	07-30-1998	=US 6,018,001	No
/CH/		WO	98/49153	A1	Novogen Inc.	11-05-1998		
/CH/		WO	99/09065	A1	Eberhard-Karls-Univ.	02-25-1999		Yes
/CH/		WO	99/15917	A1	Novartis AG	04-01-1999		
/CH/		WO	99/24003	A1	The Procter & Gamble Company	05-20-1999		
/CH/		WO	99/30729	A1	J&J Consumer Products Inc.	06-24-1999	JBP0438	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 14 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		WO	99/36050	A1	Novogen Research Pty. Ltd.	07-22-1999		
/CH/		WO	99/57178	A1	Bausch & Lomb Incorporated	11-11-1999		
/CH/		WO	00/15188	A1	Sedema	03-23-2000		Yes
/CH/		WO	00/43049	A1	Pharmacia & Upjohn Company	07-27-2000		
/CH/		WO	00/51554	A2	Johns Hopkins University	09-08-2000		
/CH/		WO	00/62740	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62741	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62743	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62744	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62745	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/69404	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69406	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69407	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69408	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	01/34099	A1	J&J Consumer Products Inc.	05-17-2001	JBP0518	
/CH/		WO	01/35920	A1	Hindustan Lever Limited	05-25-2001		
/CH/		WO	02/07697	A1	Cognis France S.A.	01-31-2002	=US 2004/009142	Yes

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		"A Combined Soybean Crushing-Deodorizing System that Yields 100-200 Mesh Powder for Food Additive Use has been Developed by SHINYU ZOKI CO. LTD. And MITSUBISHI RAYON ENGINEERING LTD.", <i>Tech Times</i> , pp 10 (1978).	
/CH/		"Avon's Anew Positivity Trio Targets Menopausal Women", <i>The Rose Sheet</i> , February 28, 2000, page 8	
/CH/		"CaspACE™ Assay System, Colorimetric", Product Improvements, Neural Notes Volume V, Issue 1, p 13 (1999) PROMEGA CORPORATION.	
/CH/		"Elhibin®" Product Brochure, PENTAPHARM, Centerchem, Inc., Stamford, CT, publicly available prior to February 28, 2001.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 15 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		"EnzChek® Protease Assay Kits" Product Information, MP06638, pp 1-4, Revised February 25, 2001, MOLECULAR PROBES, Eugene, OR.	
/CH/		"Flavosterone S (Soybean Extract Contained Iso-Flavone)", ICHIMARU PHARCOS CO., LTD. pp 11-13 (December 22, 1998).	
/CH/		"Isoral" Soybean power makes your skin clear and moist!" - Brochure, publicly available prior to February 28, 2001.	
/CH/		"Lipoxydase Code 411784", Lipoxydase File April 1999, A LIBIOL Body Care Composition.	
/CH/		"Nudit Advertisement", publicly available prior to February 28, 2001.	
/CH/		"Patent Abstracts - Gastric Juice for Antiaging 1997".	
/CH/		"Patent Abstracts - Plant extracts for skin whitening", publicly available prior to February 28, 2001.	
/CH/		"Patent Abstracts - Soybeans for skin pigmentation 1997".	
/CH/		"Patent Abstracts - Soybeans for skin whitening 1997".	
/CH/		"Patent Abstracts of requested patent titles 1996".	
/CH/		"Patent List - Thrombin Inhibitors: List of Relevant Patent Applications as of July 8, 1998, and October 1, 1996."	
/CH/		"Plant Extract Containing Female Hormone-Like Isoflavones - Flavosterone", leaflet from ICHIMARU PHARCOS issued March 7, 1997	
/CH/		"Product for Damaged hair by Bristol-Myers-Squibb", (Abstract) publicly available prior to February 28, 2001.	
/CH/		"RQ1 RNase-Free DNASE", PROMEGA CORPORATION, Technical Bulletin No. 518, pp 1-4, February 2000, Part#TB518, Promega Corporation, 2800 Woods Hollow Rd., Madison, WI 53711-5399	
/CH/		"Soy Protein Prevents Skin Tumors From Developing in Mice", <i>Gene Therapy Weekly</i> , ISSN 1078-2842, pp 21 (November 8, 2001).	
/CH/		"Soy Therapy", www.wiseessentials.com/soytherapy.html (email from Jue-Chen Liu, Ph.D. to Cunero et al dated April 13, 2000) WISE ESSENTIALS.	
/CH/		"Soybean Technology Improves Skin", <i>Allured's Cosmetics & Toiletries Magazine</i> , Vol. 115, No. 3, March 2000, p 22.	
/CH/		"Superscript II Reverse Transcriptase" protocol published by Gibco-BRL (now Life Tech Inc.) April 1992	
/CH/		"The Joy of Soy", www.wheat-grass.com/851_oral_liquid.shtml, WHEATGRASS EXPRESS, INC., 1996.	
/CH/		"ThermoScript™ RNase H-Reverse Transcriptase", INVITROGEN™ LIFE TECHNOLOGIES, www.invitrogen.com/content.cfm, Invitrogen Corporation, 2001.	
/CH/		"Whitening with Soybean? HR has launched "Future White" in Japan", Helena Rubinstein, publicly available prior to February 28, 2001.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 16 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		AHRENS ET AL, "Photocarcinogenesis and Inhibition of Intercellular Adhesion Molecular I Expression in Cells of DNA-Repair-Defective Individuals", <i>Proc. National Academy of Sciences</i> , Vol. 94 (1997) pp 6837-6841.	
/CH/		BADASH ET AL, "Effect of Gamma Irradiation of Field and Storage Fungi of Wheat, Maize and Soybean", <i>Chemie Mikrobiologie Technologie der Lebensmittel</i> (1992).	
/CH/		BALSAM ET AL, <i>Cosmetics, Science and Technology</i> , 2nd Edition, Vol. 1, pp 32-43 (1972).	
/CH/		BALSAM ET AL, <i>Cosmetics, Science and Technology</i> , 2nd Edition, Vol. 1, pp 72-73 (1972).	
/CH/		BARBUCH ET AL, "The Use of Thermospray Liquid Chromatography/Tandem Mass Spectrometry for the Class Identification and Structural Verification of Phytoestrogens in Soy Protein Preparations", <i>Biomedical and Environmental Mass Spectrometry</i> , Vol. 18 (1989) pp 973-977.	
/CH/		BAREL ET AL, "Suction Method for Measurement of Skin Mechanical Properties: The Cutometer®", Chapter 14.3, pp 335-340, <i>Handbook of Non-Invasive Methods and the Skin</i> , Jorgen Serup and G.B.E. Jemec (1995).	
/CH/		BATISTA ET AL, "Primary Structure of a Kunitz-Type Trypsin Inhibitor From Enterolobium Contortisiliquum Seeds", <i>Phytochemistry</i> , Vol. 41, No. 4, (1996) pp 1017-1022.	
/CH/		BENSHIMOL, "The Biochemistry And Nutrition Group: 30 Years Of Research In A Developing Country", <i>Archivos Latinoamericanos De Nutricion</i> , Vol. 44, No. 4-S, pp 6-S-9-S (1994).	
/CH/		BILLINGS ET AL, "A Growth-Regulated Protease Activity that is Inhibited by the Anticarcinogenic Bowman-Birk Protease Inhibitor", <i>Pro. Natl. Acad. Sci.</i> , Vol. 89, pp 3120-3124 (1992).	
/CH/		BIRK, "Protein Proteinase Inhibitors in Legume Seeds - Overview", <i>Archivos Latinoamericanos de Nutricion</i> , Vol. 44, No. 4-S (1994) pp 26-S-30-S.	
/CH/		BIRK, "The Bowman-Birk Inhibitor - Trypsin- and Chymotrypsin-Inhibitor from Soybeans", <i>Int. J. Peptide Protein Res.</i> , Vol. 25, pp 113-131 (1985).	
/CH/		BLACKHEART ET AL, "Ligand Cross-Reactivity Within the Protease-Activated Receptor Family", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 28, pp 16466-16471 (1996).	
/CH/		BONIFACINO ET AL, "Electrophoresis and Immunoblotting", Chapter 6, pp 6.0.1-6.6.1, <i>Current Protocols in Cell Biology</i> , copyright 2000 by John Wiley & Sons, Inc.	
/CH/		BRASS ET AL, "Protease-Activated G Protein Coupled Receptors On Human Platelets and Endothelial Cells", <i>F.K. Schattauer Verlagsgesellschaft mbH (Stuttgart)</i> , Vol. 78, No. 1, pp 234-241 (1997).	
/CH/		CHOMCZYNSKI ET AL, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", <i>Analytical Biochemistry</i> , Vol. 162, pp 156-159 (1987).	
/CH/		CLARK ET AL, "Tryptase Inhibitors Block Allergen-induced Airway and Inflammatory Responses in Allergic Sheep", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 152, pp 2076-2083, 1995.	
/CH/		CONNOR ET AL, "Depletion of Cutaneous Glutathione By Ultraviolet Radiation", <i>Photochemistry and Photobiology</i> , Vol. 46, No. 2, pp 239-245 (1987).	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 17 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		COSTANZO ET AL, "Potent Thrombin Inhibitors That Probe The S1 Subsite: Tripeptide Transition State Analogues Based On A Heterocycle Activated Carbonyl Group", <i>J. Med. Chem.</i> , Vol. 39, 1996, pp 3039-3043.	
/CH/		COUGLIN, "Protease Activated Receptors Start A Family", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, 1994, pp 9200-9202.	
/CH/		COVELLI ET AL, "Diazepam Inhibits Phagocytosis and Killing Exerted By Polymorphonuclear Cells and Monocytes From Healthy Donors", Abstract, <i>Immunopharmacology and Immunotoxicology</i> , Vol. 11, No. 4 (1989) pp. 701-714, copyright © 1989 by Marcel Dekker, Inc.	
/CH/		CUNNIFF, "Official Methods of Anaysis of AOAC International", 16 th Adition, 5 th Revision (1999) AOAC International.	
/CH/		DE SEIDL, "Interaction of Proteases with Legume Seed Inhibitors, Molecular Features", <i>Archivos Latinoamericanos de Nutricion</i> , Vol. 44, No. 4-S (1994) pp 21-S - 25-S.	
/CH/		DERIAN ET AL, "Differential Regulation of Human Keratinocyte Growth and Differentiation by a Novel Family of Protease-activated Receptors", <i>Cell Growth & Differentiation</i> , Vol. 8, pp 743-749, July 1997.	
/CH/		DEWITT ET AL, "Astrocytes Regulate Microglial Phagocytosis Of Senile Plaque Cores Of Alzheimer's Disease", <i>Experimental Neurology</i> , Vol. 149, Article No. EN976738 (1998) pp 329-340.	
/CH/		DOOLITTLE, "Proteins", <i>Reading from Scientific American - The Molecules of Life</i> , Chapter 4, pp 38-47 (1985).	
/CH/		DORING, "The Role Of Neutrophil Elastase In Chronic Inflammation", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 150, 1994, pp S114 - S117.	
/CH/		DUNAEVSKY ET AL, "Two Groups of Protease Inhibitors Functionally Active in Buckwheat Seeds", soba.shinshu-u.ac.jp/contents/105.html , publicly available prior to February 28, 2001.	
/CH/		DUNAEVSKY ET AL, "Isolation and Properties of Anionic Protease Inhibitors from Buckwheat Seeds", <i>Biochemistry and Molecular Biology International</i> , Vol. 40, No.1, (September 1996) pp 199-208.	
/CH/		EBLING ET AL, "Hair", <i>Journal of Investigative Dermatology</i> , Vol. 67, No. 1, pp 98-105 (July 1976).	
/CH/		EBLING, "Hair Follicles and Associated Glands as Androgen Targets", <i>Clinics in Endocrinology and Metabolism</i> , Vol. 15, No. 2, pp 319-339 (May 1986).	
/CH/		FAGERHOLM ET AL, "The Effect of a Drug-delivery System Consisting of Soybean Phosphatidyl Choline and Medium-chain Monoacylglycerol on the Intestinal Permeability of Hexarelin in the Rat", <i>J. Pharm. Pharmacol.</i> (1998) Vol. 50, pp 467-473.	
/CH/		FIMIANI ET AL, "Mid-Dermal Elastolysis; An Ultrastructural and Biochemical Study", <i>Arch. Dermatol Res.</i> , Vol. 287, (1995) pp 152-157.	
/CH/		FOX ET AL, "Identification Of Potential Activators Of Proteinase-Activated Receptor-2", <i>Federation of European Biochemical Societies</i> , FEBS Letters 417 (1997) pp 267-269.	
/CH/		GALVEZ ET AL, "Chemopreventive Property of a Soybean Peptide (Lunasin) That Binds to Deacetylated Histones and Inhibits Acetylation", <i>Cancer Research</i> , Vol. 61, No. 20, pp 7473-7478 (October 15, 2001).	
/CH/		GRANT-THEULE, "Periodontal Disease, Diabetes, and Immune Response: A Review Of Current Concepts", <i>Peridontal Abstracts</i> , Vol. 44, No. 3, 1996, pp 69-77.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 18 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		GREENBERGER, "Immunologic Aspects Of Lung Diseases And Cystic Fibrosis", <i>JAMA</i> , Vol. 278, No. 22 (1997) pp 1924-1930.	
/CH/		GUO ET AL, "A Serine Protease From Suspension-Cultured Soybean Cells", <i>Phytochemistry</i> , Vol. 47, No. 4 (1998) pp 547-553.	
/CH/		HACHIMI ET AL, "Do Microglial Cells Phagocyte The B/A4-Amyloid Senile Plaque Core of Alzheimer Disease?", <i>C.R. Academy of Science, Paris, Sciences de la vie/Life sciences</i> , Vol. 317, 1994, pp. 445-451.	
/CH/		HACKER, "Common Disorders Of Pigmentation - When are more than cosmetic cover-ups required?", <i>Postgraduate Medicine</i> , Vol. 99, No. 6, 1996, pp 177-186.	
/CH/		HAFEZ ET AL, "Effects of Gamma Irradiation on Proteins and Fatty Acids of Soybean", <i>Journal of Food Science</i> , Vol. 50 (1985) pp 1271-1274.	
/CH/		HAMADA, "Evaluation of the Effects of Hair Re-growth Agents on Lengthening the Anagen Phase Period and Blockade of Anagen phase-Catagen phase Transformation", <i>J. Soc. Cosmet. Chem. Japan</i> , Vol. 31, No.4 (1997) pp 413-419.	Yes
/CH/		HANADA ET AL, "Photoprotective Effect of Esterified Glutathione Against Ultraviolet B-Induced Sunburn Cell Formation in the Hairless Mice", <i>The Journal of Investigative Dermatology</i> , Vol. 108, No. 5, pp 727-730 (1997).	
/CH/		HASLER ET AL, "Nutrition Communique, Soy: Just a Hill of Beans?", <i>Journal of Women's Health</i> , Vol. 7, No. 5 (1998) pp 519-523.	
/CH/		HATTORI ET AL, "Effects of sup.60 Co- gamma-rays on Defatted Soybean Powder", <i>Food Irradiation</i> , Vol. 3, No. 1, pp 104-110 (1968).	
/CH/		HAYASHI ET AL, "Inhibition of Serine Proteases of the Blood Coagulation System by Squash Family Protease Inhibitors", <i>J. Biochem.</i> , Vol. 116, No. 5, pp 1013-1018 (1994).	
/CH/		HENDRICH ET AL, "Defining Food Components as New Nutrients", <i>American Institute of Nutrition, Food Composition</i> (1994) pp 1789S-1792S.	
/CH/		HOFF ET AL, "Macrophage Uptake Of Cholesterol-Containing Particles Derived From LDL and Isolated From Atherosclerotic Lesions", <i>European Heart Journal</i> , Vol. 11, Supplement E, 1990, pp 105-115.	
/CH/		HOLLENBERG ET AL, "Proteinase-Activated Receptor-2 in Rat Aorta: Structural Requirements for Agonist Activity of Receptor-Activating Peptides", <i>Molecular Pharmacology</i> , Vol. 49, pp 229-233 (1996).	
/CH/		ITAMI ET AL, "Mechanism of Action of Androgen in Hair Follicles", <i>Journal of Dermatological Science</i> , 7 Suppl., S98-S103 (July 1994).	
/CH/		JIMENEZ ET AL, "Mammalian Tyrosinase: Biosynthesis, Processing and Modulation By Melanocyte Stimulating Hormone", <i>Proc. Natl. Acad. Sci. USA</i> (1988), Vol. 85, pp 3830-3834.	
/CH/		JIMENEZ ET AL, "Specific Identification of an Authentic Clone for Mammalian Tyrosinase", <i>The Journal of Biological Chemistry</i> , (1989) Vol. 264, No. 6, pp 3397-3403.	
/CH/		JINGTIAN ET AL, "Studies of Soy Sauce Sterilization and its Special Flavour Improvement by Gamma-Ray Irradiation", <i>Radiation Physics and Chemistry</i> , Vol. 31, Nos 1-3, pp 209-213 (1988)	
/CH/		KEETON ET AL, "The Chemistry of Life", <i>Biological Science</i> , Fourth Edition, Chapter 3, pp 66-67 (1986)	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 19 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		KENNEDY ET AL, "Prevention of Carcinogenesis by Protease Inhibitors", <i>Cancer Research</i> , Vol. 54, No. 7 (Suppl), pp 1999s-2005s (April 1, 1994).	
/CH/		KENNEDY, "The Evidence for Soybean Products as Cancer Preventive Agents", <i>The Journal of Nutrition</i> , Vol. 125, No. 3 Suppl, pp 733s-743s (March 1995).	
/CH/		KENNEDY, "Chemopreventive Agents: Protease Inhibitors," <i>Pharmacol. Ther.</i> , Vol. 78, No. 3, pp 167-209, 1998, Copyright 1998 Elsevier Science Inc.	
/CH/		KENNEDY, "The Bowman Birk Inhibitor from Soybeans As An Anticarcinogenic Agent", <i>American Journal of Clinical Nutrition</i> , Vol. 68(suppl), pp 1406S-1412S (1998).	
/CH/		KOVACS ET AL, "Effect of Irradiation and Dielectric Heating on Soybean Ultrastructure, Trypsin Inhibitor, and Lipoygenase Activities", <i>Food Structure</i> , Vol. 10, pp 217-227 (1991)	
/CH/		LAM ET AL, "Combined Effect of Irradiation and Dielectric Heating on Chemical Properties of Soybeans", <i>7th Symp. On Radiation Chemistry</i> , pp 477-483 (1990)	
/CH/		LIMTRAKUL ET AL, "Suppressive Effect of Soybean Milk Protein on Experimentally Induced Skin Tumor in Mice", <i>Life Sciences</i> , Vol. 53 (1993) pp 1591-1596.	
/CH/		LIU ET AL, "Aqueous Ethanol Extraction of Soybean Trypsin Inhibitors and Characterization of a Calcium-Sensitive Fraction", <i>Journal of Food Biochemistry</i> , Vol. 15 (1991) pp 159-168.	
/CH/		LIU, "Chemistry And Nutritional Value Of Soybean Components", in <i>Soybeans, Chemistry, Technology and Utilization</i> , pp. 32-35 (copyright © 1997 by Chapman & Hall).	
/CH/		MACFARLANE ET AL, "Refractory Periodontitis Associated With Abnormal Polymorphonuclear Leukocyte Phagocytosis and Cigarette Smoking", <i>J. Periodontol</i> , Vol. 63, No. 11, November 1992, pp 908-913.	
/CH/		MAES ET AL, "Leukocytosis, Monocytosis and Neutrophilia: Hallmarks Of Severe Depression", <i>J. Psychiat. Res.</i> , Vol. 26, No. 2 (1992) pp 125-134.	
/CH/		MAHONEY ET AL, "Amino Acid Sequence and Secondary Structural Analysis of the Corn Inhibitor of Trypsin and Activated Hageman Factor", <i>Journal of Biological Chemistry</i> , Vol 259, No. 13 (July 10, 1984) pp 8412-8416.	
/CH/		MCADAMS ET AL, "Neutrophil and Monocyte Phagocytosis In Depressed Patients", <i>Prog. Neuro-Psychopharmacol & Biol. Psychiat</i> (1993) Vol. 17, pp 971-984.	
/CH/		McCutcheon's Emulsifiers and Detergents 1986, North American Edition, McCutcheon Division, Mc Publishing Co., Glen Rock, New Jersey, pp 317-324 (1986).	
/CH/		MEISTER, "Glutathione, Ascorbate, and Cellular Protection", <i>Cancer Research</i> , Vol. 54, pp 1969s-1975s (1994).	
/CH/		Merck Index (12th Edition), Edited by Susan Budavari (1996) Thrombin., entry 9525, p 1601.	
/CH/		Merck Index (12th Edition), Edited by Susan Budavari (1996) Trypsin, entry 9926, p 1669.	
/CH/		MERCOLA, "Concerns Regarding Soybeans", www.rheumatic.org/soy.htm , publicly available prior to February 28, 2001.	
/CH/		MESSINA, "Soy Intake and Cancer Risk: A Review of the In Vitro and In Vivo Data", <i>Nutrician and Cancer</i> , Vol. 21, No. 2 (1994) pp 113-131.	
/CH/		MEZEI ET AL, "Liposomes-A Selective Drug Delivery System for the Topical Route of Administration: Gel Dosage Form", <i>Journal of Pharmaceutics and Pharmacology</i> , Vol. 34 (1982), pp 473-474.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 20 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Selberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		MEZEI, "Liposomes as a Skin Drug Delivery System", <i>Topics in Pharmaceutical Sciences</i> (D. D. Breimer and P. Spelser, eds.), Elsevier Science Publishers B. V., New York, N.Y., 1985, pp 345-358.	
/CH/		MIYAGI ET AL, "Trypsin Inhibitor Activity in Commercial Soybean Products in Japan", <i>J. Nutr. Sci. Vitaminol</i> (1997) Vol. 43, pp 575-580.	
/CH/		MOLINARI ET AL, "Inhaled Trypsinase Causes Bronchoconstriction in Sheep Via Histamine Release", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 154, pp 649-653, 1996.	
/CH/		MOLINO ET AL, "Interactions of Mast Cell Trypsinase with Thrombin Receptors and PAR-2", <i>Journal of Biological Chemistry</i> , Vol. 272, No. 7, 14 Feb 1997, pp 4043-4049.	
/CH/		MORITA ET AL, "Partial Purification and Characterization of a Novel Soybean Protease Which is Inhibited by Kunitz and Bowman-Birk Trypsin Inhibitors", <i>J. Biochem.</i> , Vol. 119, No. 4, 1996, pp 711-718.	
/CH/		MULIMANI ET AL, "Effect of Heat Treatments on Trypsin/Chymotrypsin Inhibitor Activity of Red Gram (Cajanus Cajan L.)", <i>Plant Foods for Human Nutrition</i> , Vol. 46, No. 2, (1994) pp 103-107.	
/CH/		MULIMANI ET AL, "Effects Of Heat Treatment and Germination On Trypsin and Chymotrypsin Inhibitory Activities In Sorghum (Sorghum Bicolor (L.) Moench) Seeds", <i>Plant Foods for Human Nutrition</i> , Vol. 44, No. 3 (1993) pp 221-226.	
/CH/		MURPHY, "Phytoestrogen Content of Processed Soybean Products", <i>Food Technology</i> , Vol. 1, pp 60-64 (1982).	
/CH/		MUSCLOW ET AL., "Fluorescence Assay To Monitor Phagocytosis By Blood-Clot Derived Polymorphonuclear Leucocytes, 1 Study Of Patients With Diabetes And Phagocytosis Of Different Staphylococcal Species", <i>Cytobios</i> , Vol. 65, 1991, pp 15-24 (published and (C) 1991 by the Faculty Press, Cambridge, Great Britain).	
/CH/		MYSLIBORSKI ET AL, "Therapy for Acne Vulgaris", <i>Comprehensive Therapy</i> , Vol. 7, No. 1, pp 13-16 (January 1981).	
/CH/		NIEMIEC ET AL., "Influence of Nonionic Liposomal Composition on Topical Delivery of Peptide Drugs into Pilosebaceous Units: An in Vivo Study Using the Hamster Ear Model", <i>Pharmaceutical Research</i> , Vol. 12, No. 8, 1995, pp 1184-1188.	
/CH/		ODANI ET AL, "Studies on Soybean Trypsin Inhibitors. XIII. Preparation and Characterization of Active Fragments from Bowman-Birk Proteinase Inhibitor", <i>Journal Biochem.</i> , Vol. 83, No. 3, pp 747-753 (1978).	
/CH/		ODANI ET AL., "Wheat Germ Trypsin Inhibitors. Isolation and Structural Characterization of Single-Headed and Double-Headed Inhibitors of the Bowman-Birk Type", <i>J. Biochem.</i> , Vol. 100, pp 975-983 (1986).	
/CH/		Official Compendia of Standards, USP 24 USP/NF 19", US Pharmacopeial Convention, Inc. 2000 (Board of Trustees, US Pharmacopeial Convention, Inc.)	
/CH/		OGAWA, "Current Problem of Research on Hair Growth Mechanisms and Hair Growth Promoters", <i>Fragrance Journal</i> , Vol. 5, pp 1-5 (1989)	
/CH/		ORLOW ET AL, "Subcellular Distribution Of Tyrosinase and Tyrosinase-Related Protein-1: Implications For Melanosomal Biogenesis", <i>The Journal of Investigative Dermatology, Inc.</i> , Vol. 100, No. 1, January 1993, pp 55-64.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 21 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		QUILLIEN ET AL, "Trypsin Inhibitor Polymorphism: Multigene Family Expression and Posttranslational Modification", <i>Journal of Protein Chemistry</i> , Vol. 16, No. 3 (1997) pp 195-203.	
/CH/		REINER, "Altered Cell Signaling and Mononuclear Phagocyte Deactivation During Interacellular Infection", <i>Immunology Today</i> , Vol. 15, No. 8 (1994) pp 374-381.	
/CH/		RIPKA ET AL, "Chapter 8: Antithrombotics/Serine Protease", Covads International, San Diego, CA, publicly available prior to February 28, 2001.	
/CH/		ROBERT ET AL, "Cell-Matrix Interactions In The Genesis Of Arteriosclerosis and Ateroma, Effect of Aging", <i>Laboratoire de Biologie du Tissu Conjonctif</i> , Annals New York Academy of Sciences, 1992, pp 331-341.	
/CH/		SANTULLI ET AL, "Evidence for the Presence of a Protease-Activated Receptor Distinct from the Thrombin Receptor in Human Keratinocytes", <i>Proceeding of the National Academy of Sciences USA</i> , Vol. 92, Sept 1995, pp 9151-9155.	
/CH/		SCOTTI, "Soy-derived Protease Inhibitors Treat Cancer and Inflammation", Windhover Information Inc. (1998).	
/CH/		SEIBERG ET AL, "Trypsin-Induced Follicular Papilla Apoptosis Results In Delayed Hair Growth and Pigmentation", <i>Developmental Dynamics</i> , Vol. 208, pp 553-564 (1997).	
/CH/		SESSA ET AL, "Toasted Soybean Flour Components with Trypsin Inhibitor Activity", <i>JAOCS</i> , Vol. 63, No. 6, pp 784-788 (June 1986)	
/CH/		SETCHELL, "High-Performance Liquid Chromatographic Analysis of Phytoestrogens in Soy Protein Preparations with Ultraviolet Electrochemical and Thermospray Mass Spectrometric Detection", <i>Journal of Chromatography</i> , Vol. 386 (1987) pp 315-323, CHROMSYMP. 956.	
/CH/		SHARPELL ET AL, "Preservation of Cosmetics", Chapter 51, pp 887-900, Disinfection, Sterilization and Preservation, 4th Edition, Seymour S. Block, Ph. D., Lea & Febiger (1991) publicly available prior to February 28, 2001.	
/CH/		SLIGH JR. ET AL, "Inflammatory and Immune Responses are Impaired in Mice Deficient in Intercellular Adhesion Molecule 1", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, 1993, pp 8529-8533.	
/CH/		SONG ET AL, "PS04.01.44 Crystal Structure of the Complex of Porcine Pancreatic Trypsin with Kunitz-Type Soybean Trypsin Inhibitor", <i>Crystallography of Biological Macromolecules</i> , p. C-106, XVII Congress and General Assembly of the International Union of Crystallog, (1996) (www.bmsc.wahing...ts/abstracts/S0081.html)	
/CH/		SONG ET AL, "Kunitz-Type Soybean Trypsin Inhibitor Revisited: Refined Structure of its Complex with Porcine Trypsin Reveals an Insight into the Interaction Between a Homologous Inhibitor from Erythrina Caffra and Tissue-type Plasminogen Activator", <i>J. Mol. Biol.</i> , Vol. 275, pp 347-363 (1998).	
/CH/		STEENVOORDEN ET AL, "Protection Against UV-Induced Reactive Intermediate in Human Cells and Mouse Skin by Glutathione Precursors: A Comparison of N-Acetylcysteine and Glutathione Ethylester", <i>Photochemistry and Photobiology</i> , Vol. 67, No. 6, pp 651-656 (1998).	
/CH/		STEENVOORDEN ET AL, "The Use of Endogenous Antioxidants to Improve Photoprotection", <i>Journal of Photochemistry and Photobiology B: Biology</i> , Vol. 41 (1997) pp 1-10.	
/CH/		STENN ET AL, "Glucocorticoid Effect on Hair Growth Initiation: A Reconsideration," <i>Skin Pharmacol.</i> , Vol. 6, pp 125-134 (1993).	

Examiner
Signature

/Carlic Huynh/

Date
Considered

08/01/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 22 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		TAN-WILSON, "Relevance of Multiple Soybean Trypsin Inhibitor Forms to Nutritional Quality", <i>Nutritional and Toxicological Significance of Enzyme Inhibitors in Foods</i> , Edited by Mendel Friedman, Chapter 22, pp 391-411 (1985), Department of Biological Sciences, State University of New York at Binghamton.	
/CH/		TASHIRO ET AL., "The Complete Amino Acid Sequence of Rice Bran Trypsin Inhibitor", <i>J. Biochem.</i> , Vol. 102, No. 2, pp 297-306 (1987).	
/CH/		TERADA ET AL., "Amino Acid Sequences of Double-headed Proteinase Inhibitors from the Seeds of <i>Canavalia Lineata</i> ", <i>Biosci. Biotech. Biochem.</i> , Vol. 58, No. 2, pp 376-379 (1994).	
/CH/		THORNTON ET AL., "Effect of Androgens on the Growth of Cultured Human Dermal Papilla Cells Derived from Beard and Scalp Hair Follicles", <i>The Journal of Investigative Dermatology</i> , Vol. 97, No. 2, pp 345-348 (August 1991).	
/CH/		TRAVIS ET AL., "The Role Of Proteolytic Enzymes In The Development Of Pulmonary Emphysema And Periodontal Disease", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 150, 1994, pp S143-S146.	
/CH/		TRONNIER ET AL., "Adhesion Molecule Expression In Normal Skin and Melanocytic Lesions", <i>Journal of Cutaneous Pathology</i> , Vol. 24, 1997, pp 278-285.	
/CH/		TYRRELL ET AL., "Correlation Between Endogenous Glutathione Content and Sensitivity of Cultured Human Skin Cells to Radiation at Defined Wavelengths in the Solar Ultraviolet Range", <i>Photochemistry and Photobiology</i> , Vol. 47, No. 3, pp 405-412 (1988).	
/CH/		VAN DE STOLPE ET AL., "Intercellular Adhesion Molecule-1", <i>J. Mol. Med.</i> , Vol. 74, 1996, pp 13-33.	
/CH/		VAN DEN BROEKE ET AL., "Topically Applied N-acetylcysteine as a Protector Against UVB-Induced Systemic Immunosuppression", <i>Journal of Photochemistry and Photobiology, B: Biology</i> , Vol. 27, pp 61-65 (1995).	
/CH/		WANG ET AL., "Effects of Soybean Trypsin Inhibitor on Digestive Physiology and Growth and Development of <i>Helicoverpa Armigera</i> Larvae", <i>Acta Entomologica Sinica</i> , Vol. 38, No. 3 (August 1995) pp 272-274.	Yes
/CH/		WEBSTER, "Inflammation In Acne Vulgaris", <i>Journal of the American Academy of Dermatology</i> , Vol. 33, No. 2, Part 1, 1995, pp 247-253.	
/CH/		WILEY ET AL., "Cardiovascular and Renal - Small-molecule direct thrombin inhibitors", <i>Exp. Opin. Ther. Patents</i> , Vol. 7, No. 11, 1997, pp 1265-1282 (Ashley Publications Ltd. ISSN 1354-3776).	
/CH/		XIANG ET AL., "A Study of Nexin 1 of Skin and Hair Follicle during Postnatal Development Period of Rat", <i>Zhongguo Yi Xue Ke Xue Yaun Xue Bao</i> , Vol. 20, No. 2, pp 127-132 (April 1998) ABSTRACT	
/CH/		YU ET AL., "Message of Nexin 1, a Serine Protease Inhibitor, is Accumulated in the Follicular Papilla During Anagen of the Hair Cycle", <i>Journal of Cell Science</i> , Vol. 108, Pt 12 (December 1995) pp 3867-3874 ABSTRACT	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SUBMISSION UNDER MPEP 609 D	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg
	Group Art Unit	1616
	Examiner Name	
Page 1 of 1	Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Name of Patentee or Applicant of Cited Document	U.S. Patent Document		Atty Docket No.
			Number	Filing Date	
/CH/		Halas et al.	10/611,100	07-01-2003	J&J5041
/CH/		Seiberg et al.	09/110,409	07-06-1998	JBP0430
/CH/		Seiberg et al.	10/659,598	09-10-2003	JBP0430CIP
/CH/		Seiberg et al.	09/361,429 / 2002/0065300A1	07-27-1999	JBP0465
/CH/		Seiberg et al.	09/206,249	12-07-1998	JBP0438
/CH/		Seiberg et al.	10/092,810 / 2002/0197244A1	03-07-2002	JBP0586DIV
/CH/		Liu et al.	09/677,511	09-29-2000	JBP0523CIP
/CH/		Seiberg et al.	09/621,565	07-20-2000	JBP0510
/CH/		Seiberg et al.	10/434,309	05-08-2003	JBP0510DIV
/CH/		Seiberg et al.	10/253,736 / 2003/0064048A1	09-23-2002	JBP0510CNT
/CH/		Liu et al.	10/370,680 / 2003/0224075A1	02-20-2003	JBP0585
/CH/		Miller et al.	6,555,143 / 2002/0160063A1	02-28-2001	J&J1998
/CH/		Liu et al.	09/796,054 / 2002/0160062A1	02-28-2001	J&J2001
/CH/		Saliou et al.	09/795,762 / 2002/0160061A1	02-28-2001	J&J2002
/CH/		Saliou et al.	10/082,905 / 2002/0192313A1	02-25-2002	J&J2091CIP

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Name of Patentee or Applicant of Cited Document	Foreign Patent Document			Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
			Office ³	Number ⁴	KindCode ⁵		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
--------------------	----------------	-----------------	------------



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/689,149
Filing Date	October 20, 2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
/CH/		EP	0 341 745	A1	FIDIA S.p.A.	11-15-1989		
/CH/		EP	0 476 311	A1	De Stoutz	03-25-1992	English Claims from B1 document	No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		BABIARZ-MAGEE ET AL, "The Expression and Activation of Protease-Activated Receptor-2 Correlate with Skin Color", <i>Pigment Cell Res.</i> , Vol. 17 (2004) pp 241-251.	
/CH/		HERMANN ET AL, "Unraveling the Patterns of Subclinical Pheomelanin-Enriched Facial Hyperpigmentation: Effect of Depigmenting Agents", <i>Dermatology</i> , Vol. 201 (2000) pp 118-122.	
/CH/		LIU ET AL, "Application of Soy in Skin Care", <i>Journal Nutr.</i> , Vol. 132 (2002) pp 574S.	
/CH/		PAINE ET AL, "An Alternative Approach to Depigmentation by Soybean Extracts via Inhibition of the PAR-2 Pathway", <i>Journal Investigative Dermatology</i> , Vol. 116 (2001) pp 587-595.	
/CH/		SCOTT ET AL, "Protease-Activated Receptor 2, a Receptor Involved in Melanosome Transfer, is Upregulated in Human Skin by Ultraviolet Irradiation", <i>Journal Investigative Dermatology</i> , Vol. 117 (2001) pp 1412-1420.	
/CH/		SCOTT ET AL, "Proteinase-Activated Receptor-2 Stimulates Prostaglandin Production in Keratinocytes: Analysis of Prostaglandin Receptors on Human Melanocytes and Effects of PGE2 and PGF2 α on Melanocyte Dendricity", <i>Journal Investigative Dermatology</i> , Vol. 122 (2004) pp 1214-1224.	
/CH/		SCOTT ET AL, "The Proteinase-Activated Receptor-2 Mediates Phagocytosis in a Pho- Dependent Manner in Human Keratinocytes", <i>Journal Investigative Dermatology</i> , Vol. 121 (2003) pp 529-541.	
/CH/		SEIBERG ET AL, "Inhibition of Melanosome Transfer Results in Skin Lightening", <i>Journal Investigative Dermatology</i> , Vol. 115 (2000) pp 162-167.	
/CH/		SEIBERG ET AL, "Soy Extracts Reduce Hair Growth and Hair Follicle Dimensions", <i>Hair Science and Technology</i> , D. Van Neste (editor) (2003) pp 391-400.	
/CH/		SEIBERG ET AL, "Soy milk Reduces Hair Growth and Hair Follicle Dimensions", <i>Experimental Dermatology</i> , Vol. 10 (2001) pp 405-423.	
/CH/		SEIBERG ET AL, "The Protease-Activated Receptor 2 Regulates Pigmentation via Keratinocyte-Melanocyte Interactions", <i>Experimental Cell Research</i> , Vol. 254 (2000) pp 25-32.	
/CH/		SEIBERG ET AL, "The Protease-Activated Receptor-2 Regulates Pigmentation via Melanosome Phagocytosis", <i>Mechanisms of Suntanning</i> , J. P. Ortonne and R. Ballotti (editors) (2002) pp 215-278.	
/CH/		SEIBERG ET AL, "The Regulation of Pigmentation by Serine Proteases and Their Inhibitors", Inhibition of Human Proteases: From Target Identification to Therapy, CHI Press (1998) pp 1-3.	
/CH/		SEIBERG, "Keratinocyte-Melanocyte Interactions During Melanosome Transfer", <i>Pigment Cell Res.</i> , Vol. 14 (2001) pp 236-242.	
/CH/		SHARLOW ET AL, "The Protease-Activated Receptor-2 Upregulates Keratinocyte Phagocytosis", <i>Journal of Cell Science</i> , Vol. 113 (2000) pp 3093-3101.	
/CH/		WILSON ET AL, "Immunocytochemical Study of the Interaction of Soybean Trypsin Inhibitor with Rat Intestinal Mucosa", <i>Gut</i> , Vol. 19 (1978) pp 260-266.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

MAR 23 2005
FBI - NEW YORK
SUBJECT: [REDACTED]

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 1

Confirmation Number	6375
Application Number	10/689,149
Filing Date	10/20/2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

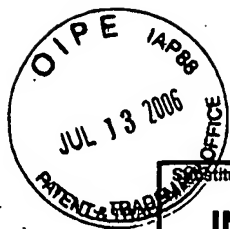
Confirmation Number	6375
Application Number	10/689,149
Filing Date	10/20/2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

[illegible][illegible]

Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Confirmation Number	6375
Application Number	10/689,149
Filing Date	10/20/2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	Marina Lamm
Attorney Docket Number	J&J1886USCIP1

U.S. PATENT DOCUMENTS

Exam Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,006,337		Motitschke et al.	04-09-1991	
/CH/		5,444,092	A	Collins	08-22-1995	

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ³
		Office ³	Number ⁴	Kind Code ⁵				
/CH/		CN	1081899	A	Wang	02-16-1994	English Abst.	
/CH/		CN	1146876	A	Li	04-09-1997	English Abst.	
/CH/		CN	1166960	A	Jin	12-10-1997	English Abst.	
/CH/		JP	04283518	A	Kikkoman Corp.	10-08-1992	English Abst.	
/CH/		JP	410226642	A	Kokkoman Corp.	08-25-1998	English Abst.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

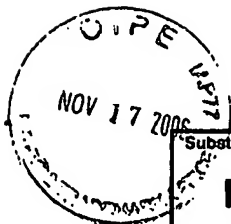
Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Confirmation Number	6375
Application Number	10/689,149
Filing Date	10/20/2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	Marina Lamm
Attorney Docket Number	J&J1886USCIP1

U.S. PATENT DOCUMENTS

Exam Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		2004/0063593	A1	Wu et al.	04-01-2004	

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵				
/CH/		DE	4432947	A	New Standard GmbH	03-21-1996	English Abst.	
/CH/		DE	19634206	A	Reinke Ludwig Dr.	03-05-1998	English Abst.	
/CH/		DE	19818849	A	Med-Beauty AG	10-29-1998	English Abst.	
/CH/		EP	0 581 624	A1	Expanshimie SARL	02-02-1994	English Abst.	
/CH/		EP	0 581 624	B1	Expanshimie SARL	02-02-1994	English Claims	
/CH/		EP	0 582 239	A1	Rhone-Poulenc Rorer	02-09-1994	English Abst.	
/CH/		EP	0 582 239	B1	Rhone-Poulenc Rorer	02-09-1994	English Claims	
/CH/		EP	1 210 946	A	Neutrogena Corp.	06-05-2002		
/CH/		JP	60061513	A	Sansei Seiyaku KK	04-09-1985	English Abst.	
/CH/		WO	99/00110	A1	Andre et al.	01-07-1999	English Abst.	
/CH/		WO	99/39682	A2	Fernandez-Kleinlein et al.	08-12-1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁴

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Confirmation Number	6375
Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg
Group Art Unit	1617
Examiner Name	Carlic K. Huynh
Attorney Docket Number	J&J1886USCIP1

U.S. PATENT DOCUMENTS

Exam Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,843,907	A	Sakai et al.	12-01-1998	
/CH/		5,888,522	A	Pickart	03-30-1999	
/CH/		6,248,350	B1	Mori et al.	06-19-2001	
/CH/		6,447,809	B1	Krumhar et al.	09-10-2002	
/CH/		2,924,525		Kruse et al.	02-09-1960	

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
/CH/		JP	63135310	A	Lion Corp.	06-07-1988		X
/CH/		JP	1093519	A	Shiseido Co. Ltd.	04-12-1989		X
/CH/		JP	9025213	A	Shiseido Co. Ltd.	01-28-1997		X
/CH/		WO	02/067988	A2	Regents/Univ. of Michigan	09-06-2002		
/CH/		JP	10139654	A	Lion Corp.	05-26-1998	English Abst.	
/CH/		JP	06256156	A	Maruzen Pharma	09-13-1994	English Abst.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		http://www.faqs.org/health/Sick-V1/Acne.html	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450